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DECLASS REVIEW by NIMA/DOD

CMD/PAC/4-57-65
29 March 1965

MEMORANDUM FOR: NSA/TCO

ATTENTION:

THROUGH:

SUBJECT: Chinese Shipyards and Port Facilities

REFERENCE: Requirement No. [REDACTED] NPIC Project
No. 12037-64 (Partial answer)

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In response to the referenced requirement, the attached materials
are forwarded herewith:

1. Pre-release of Detailed Photographic Interpretation
Report "Hulu Tao Harbor and Port Complex".
2. Pre-release of Detailed Photographic Interpretation
Report "Ch-iu Hsin Shipyard, Shang-hai, China".

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Assistant for Photographic Analysis, NPIC

Attachments:

1. As stated above
2. As stated above

Distribution:

Orig & 1 - NSA/TCO w/atts 1&2
1 - NSA/LO/NPIC w/atts 1&2
1 - O/Dir/NPIC Attn: Exec/Dir/NPIC
1 - PAG/NPIC
1 - IPO/PAG/NPIC
1 - CMD/PAG/NPIC w/atts 1&2
1 - CIA/PID
1 - CSD/NPIC w/atts 1&2
1 - CS/NPIC
1 - DIA/XX-4/LO/NPIC
1 - AFNIE-BA Att
1 - OPNAV 922Y3
1 - Army/SPAD/ A
1 - DIA/XX-1A w/atts 1&2
1 - DIA/XX-3C w/atts 1&2

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1 to GMD/PAC/M-57-65
and 29 MAR. 65

Hulu Tao Harbor and Port Complex

The Hulu Tao Harbor and Port Complex is located 7.5 nautical miles (nm) SE of Lien-Shan (Chin-Hsi) on the southern coast of an unnamed peninsula at 40-42N/120-59E).

Facilities at the harbor and port complex consist of a graving dock (under construction), 2 moles, a pier, a POL pier, a marine railroad and numerous support buildings. The area is rail served.

25X1D Comparison of [] reveals the following changes in the area: construction has been started on a graving dock, a small section of land was reclaimed and a probable steam plant and storage/support buildings were constructed on this land, the northern mole (Item 4) has been eroded away in some sections, and 1949 bomb damage in other areas has not been repaired.

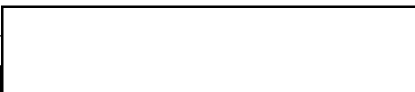
The only change in facilities [] was the placement of some vertical wall members of a possible new building at the probable steam plant. Work on the graving dock has continued with minor amounts of material removed on the north wall of the basin. Some vehicular movement is discernible indicating activity, however, buildings that were under construction on both missions show no changes. The northern mole (Item 4) has not been repaired, and no steam or fuel is visible at the probable steam plant. The POL tanks appear to be in a state of disrepair, however, one does appear to be filled with water.

Numerous areas of open storage containing possible building material are dispersed throughout the area. A vehicle maintenance park is located to the NW of the port facilities. No definite function can be assigned to some buildings as the area has not been completed and a flow pattern for possible ship repair/construction cannot be distinguished. No missile or missile related activity can be identified.

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<u>Item No.</u>	<u>Function</u>	<u>Dimensions (ft)</u>	<u>Roof Type</u>
1	POL pier north side south side	1,300 3,200 x 25	
2	Pier north side south side	680 380 x 25	
3	Quay	880	
4	Mole	980 x 420	
5	Quay (partially damaged)	570	
6	Mole (only north end usable)	810	
7	Graving Dock (approximate)	600 x 170	
8	Marine Railway	610 x 25	
8A	Cradle (approximate)	110 x 25	
9	Unknown	210 x 140	gable
10	Unknown	200 x 75	gable
11	Unknown	190 x 100	gable
12	Unknown	370 x 95	gable
13	Unknown	320 x 95	gable
14	Unknown	390 x 320	flat with monitors
15	Double Bay U/C	570 x 220	flat
16	Unknown	255 x 60	flat monitor
17	Unknown	250 x 60	gable
18	Unknown	225 x 30	gable
19	Unknown/	150 x 45	gable
20	Heat processing	115 x 40	gable
21	Heat processing	210 x 75	flat with monitors
22	Unknown	150 x 45	gable



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23	Unknown	210 x 80	flat with monitor
24	Probable Steam plant	250 x 100	flat with monitor
25	Probable Storage	150 x 75	sawtooth
26	Probable Storage	150 x 75	sawtooth
27	Probable Storage	150 x 75	sawtooth
28	9 Storage buildings (each)	150 x 30	gable
29	Vehicle maintenance	210 x 70	gable
30	Vehicle maintenance	140 x 40	gable
31	Probable POL tanks (empty)	130 diameter	
32	Probable POL tank (contains liquid)	155 diameter	

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Location	Identification	Size/Configuration/Hatches	Status
2	2 Pontoon barges	60x20	Unknown
	1 Barge	65x10	Unknown
	1 Tug	40x15	Unknown
4	1 U/I vessel	80x20	Unknown
	2 U/I vessels on mole	80x15	Unknown
6	1 Barge	130x30	Unknown
8	1 U/I vessel	115x30	Unknown
	1 Barge	115x30	Unknown

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25X1D

Location	Identification	Size/Configuration
2	2 Pontoon barges	60x20
	2 Barges	140x30
	1 Floating crane	80x25
	1 Tug	85x30
	2 Fishing vessels	Varies
4	1 U/I vessel	80x20
	2 U/I vessels on mole	80x15
6	1 Barge	130x30
	1 U/I small boat	75x20
8	1 Barge	115x30

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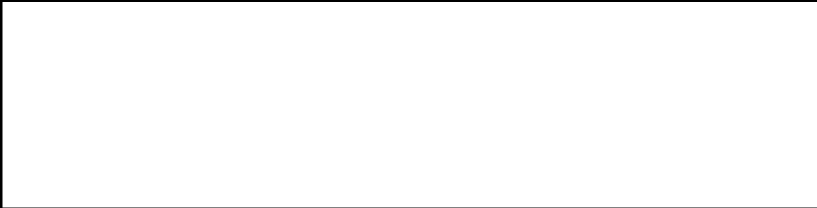
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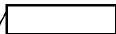
Approved For Release 2003/09/03 : CIA-RDP78T05439A000500020011-6

25X1D

REFERENCES



Maps:

DIA, USATC, Series 200, SO 289-24HL, 2nd ed, March 1963 (SECRET, 

USAF, USATC, Series 100, 0289-9998-100A, 2nd ed, May 1954 (SECRET)

USAF, USATC, Series 25, SO 289-9998-2-25MA, 2nd ed, May 1954 (SECRET)

Documents:

ONI 45-280, Hu-Lu-Tao, Communist China, October 1958 (SECRET)

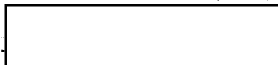
U. S. Army, Special Report No. 152, Hu-Lu-Tao Liao-Hoi Province, China,
1 March 1954 (CONFIDENTIAL)

Requirement:

NSA/P0432/R-64-64(C), Partial answer

NPIC Project:

12037-64



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Ch-iu Hsin Shipyard, Shang-hai, China

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The Ch-iu Hsin Shipyard [] is located in Shang-hai, China on the Huang-Pu Chiang (River) at 31-12N 121-29E. An alternate name for this installation is the Kioussin Shipyard.

Facilities in the shipyard consist of a graving dock, 3 building ways, 2 off-shore wharves, a pontoon wharf, a quayed area, 3 engineering/administration buildings, 2 large fabrication buildings, a possible mold loft and numerous support type buildings. Handling facilities consist of a portal jib crane and at least 3 automotive cranes. The entire shipyard is secured by walls which connect buildings and access can be gained thru only 2 entrances. The shipyard is not rail served.

25X1D Small vessels are constructed in the area between the building ways and the graving dock. [] a third building way is visible in this area and may handle the overall launching of smaller vessels constructed in this area.

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Significant changes observed between [] were the razing of two buildings, the construction of one large fabrication type building and 4 smaller buildings, the filling in of a graving dock area, the construction of 400 feet of new off-shore wharfage and a new pontoon wharf. The area of the removed graving dock is walled and used for open storage. Vertical members for the walls of a new building and an unplanned excavation are visible on the [] photography.

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A probable pile driver in operation is observed on the [] photography. Seven piles have been driven into the river bottom as part of the construction of the 700 ft. off-shore wharf.

Numerous prefabricated sections of bows, sterns and plating are in open storage in 3 sections of the yard.

There are 6 portable weather sheds approximately 60x45 ft. utilized for coverage of open storage.

Table of Facilities

Item No.	Description	Dimensions
		(ft)
1	Pontoon Wharf	135 x 30 Approach width 20'
2	Off-shore Wharf	150 x 25 Approach width 25'
3	Building way	280 x 35
4	Crane way	410 x 30
5	Building way	280 x 35
6	Building way	100 x 30
7	Quay area	80
8	Graving dock	265 x 45
9	Off-shore wharf	400 x 25 Approach width 30'

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<u>Item No.</u>	<u>Description</u>	<u>Dimensions</u> <u>(ft)</u>	<u>Roof Type</u>
10	Light engineering	220 x 85	Gable with dormers
11	Shop	190 x 150	Complex flat, monitor
12	Fabrication	155 x 110	Multi gable
13	Light Engineering	150 x 40	Flat
14	Engineering/Administration	80 x 45	Flat monitor
15	Shop	120 x 100	Flat monitor
16	Engineering/Administration	60 x 45	Hip
17	Engineering/Administration	60 x 50	Hip
18	Shop	60 x 55	Hip with monitor
19	Shop	265 x 35	Flat monitor
20	Fabrication	310 x 150	Complex flat monitor
21	Possible Mold Loft	295 x 35	Flat
22	Shop	120 x 65	Gable
23	General Storage	370 x 45	Gable
24	Possible Administration	65 x 55	Gable
25	Excavation (approximately)	280	
26	Vertical members outline (approx)	280 x 60	

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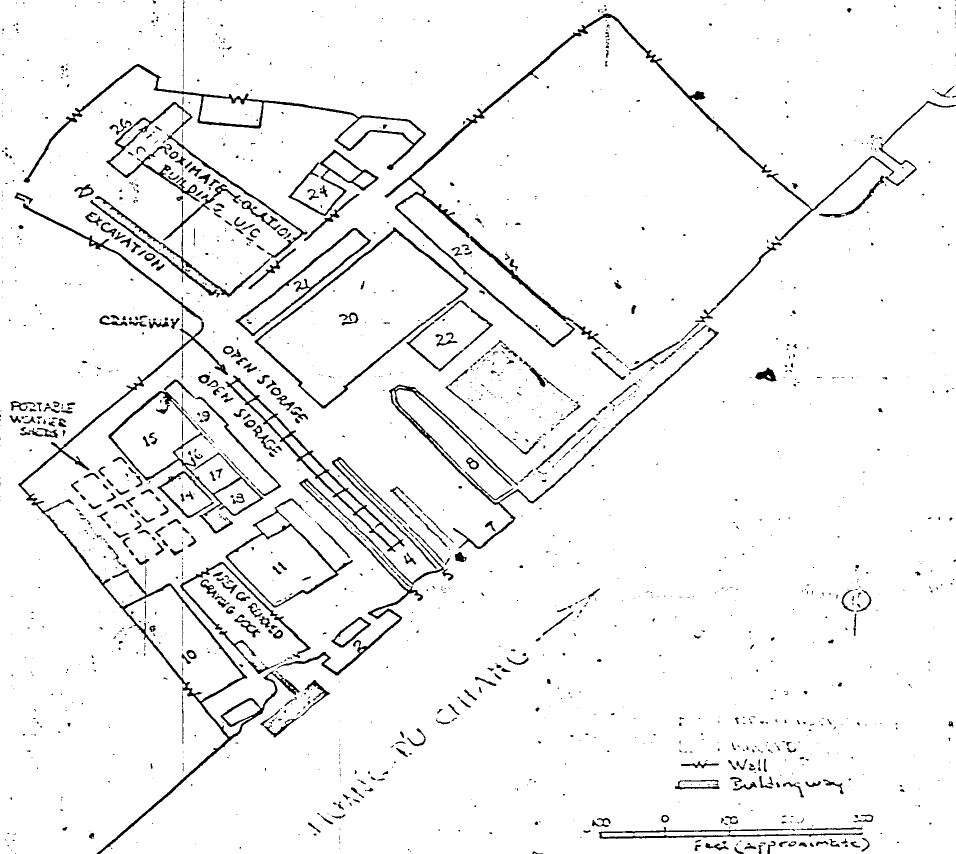
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Location	Identification	Size/Configuration/Matches	Status	Location	Identification	Size/Configuration/Matches	Status
1	New in <input type="checkbox"/>	25X1D		1	1 U/I Vessel	110x25	Unknown
2	1 Probable MSC (0)	<input type="checkbox"/>	Unknown	1	1 Possible Pontoon	60x20	Unknown
	2 Probable Kronshtadt Class PC	170x20	Unknown	2	2 U/I Vessels	95-60	Unknown
	1 Unidentified Hull	140x30	Unknown	2	2 Possible YP	100x25	Possible
	1 Unidentified Hull	95x20	Unknown				Fitting Out
3	1 Barge	90x25	Under Construction	3	2 Possible YP	<input type="checkbox"/>	U/c
	1 Unidentified Vessel	<input type="checkbox"/>	U/c	4	Prefab Sections along ground		
4	Prefab section along ground			5	2 Possible YP	110x25	U/c
5	Unidentified Surface Vessel	90x15	U/c	6	1 U/I Hull	55-70	U/c
6	2 Barges	95x25	U/c	7	1 U/I Hull	55-70	25X1D
	3 U/I Vessels	90x65	U/c	8	Possible Kronshtadt U/I Hull	<input type="checkbox"/> 60x15	U/c
7	6 Probable YP	<input type="checkbox"/>	Repair/ Fitting out	9	2 Possible YP	115x25	Possible
	2 Barges	90x25	Repair/ Fitting out		6 Possible YP	100x25	Possible
	4 U/I Surface Craft	80x45	Repair/ Fitting out				Fitting out
8	Unidentified Vessel	150x25	Unknown				
9	1 Probable File Driver						

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REFERENCES

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Maps or Charts:

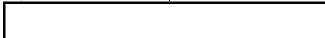
DIA USA Target Chart, Series 200, 0492-HL 2nd ed., August 1964 (SECRET)

Documents:

25X1C

Ch'iu Hsin (Kioussin) Shipyard, Shanghai, China (SECRET/

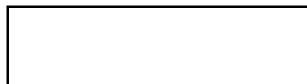
Requirement:



Partial answer

NPIC Project:

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